**Water use & management practices**

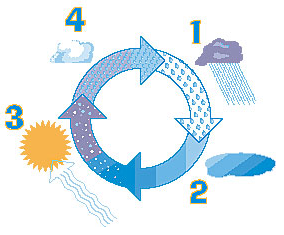
Information and understanding can be presented in many ways using variations of the systems model diagram. Sometimes they incorporate numbers/figures, other information or visuals to become more creative looking infographics to assist the reader to understand the information being presented. They may show more than one set of inputs, processes and outputs. Large boxes may show that the system is closed or that those aspects of the diagram are related.

Here are some examples of how concepts can be shown. The aim of looking at these is to discuss and deepen your understanding of how humankind interacts with and interferes with the water cycle (in both a positive and negative way).

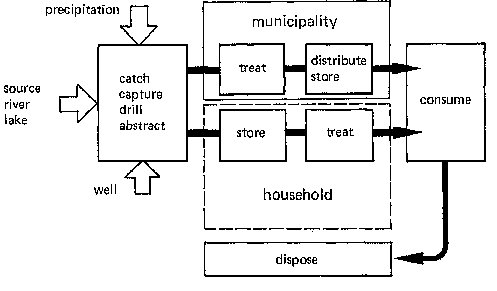
**Steps:**

1. Look at the following diagrams
2. Discuss with your classmates/class
3. Write notes next to each diagram, regarding what you have learned and what further questions you may have about water use, management or other
4. **Try to answer this question**: How has scientific knowledge of the water cycle influenced the development of household, industrial and agricultural water management practices?

1. The water cycle

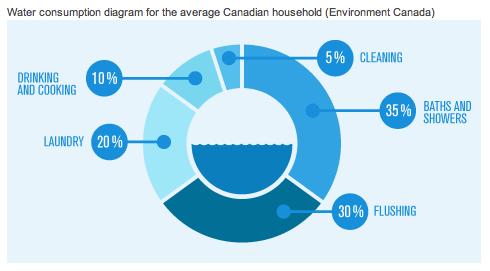


2. Typical water use in a city



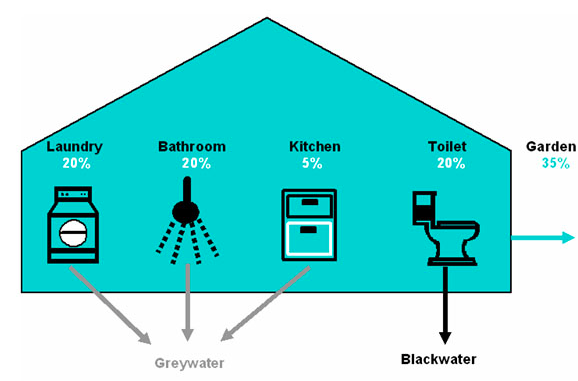
Source: <http://ces.iisc.ernet.in/energy/water/paper/drinkingwater/simplemethods/fig2.gif>

3. Typical water use in a house



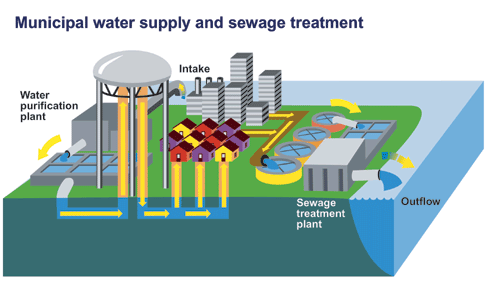
Source: <http://ronaeco.ca/en/project/bathroom-and-laundry-room/46/choose-a-low-flow-toilet./>

4. Typical water use in an Australian home… grey water is considered reusable water



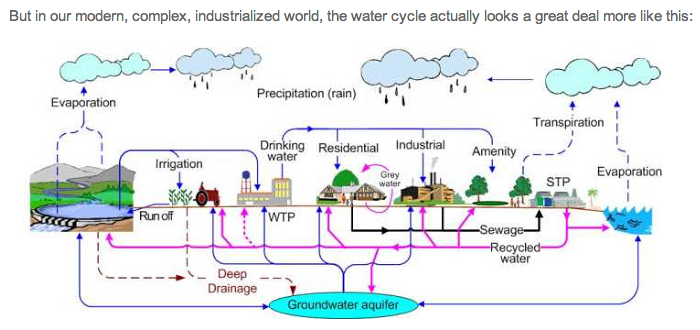
Source: <http://www.casey.vic.gov.au/greywater/article.asp?Item=8196>

5.



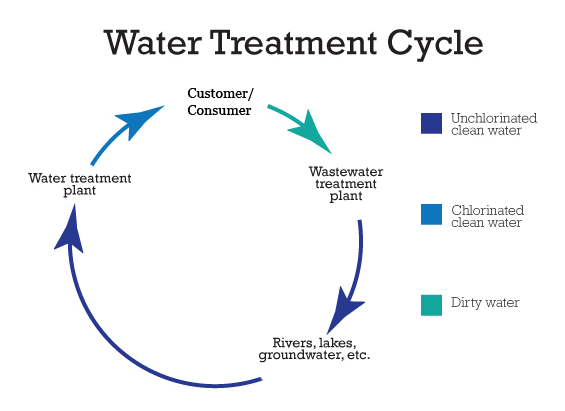
Source: <http://www.ec.gc.ca/eau-water/5C85F326-A686-4B07-9A55-4B854D5B5702/Municipal-water-supply.gif>

6.



Source: <http://aquacycle.blogspot.jp/2010/07/water-cycle.html>

7.



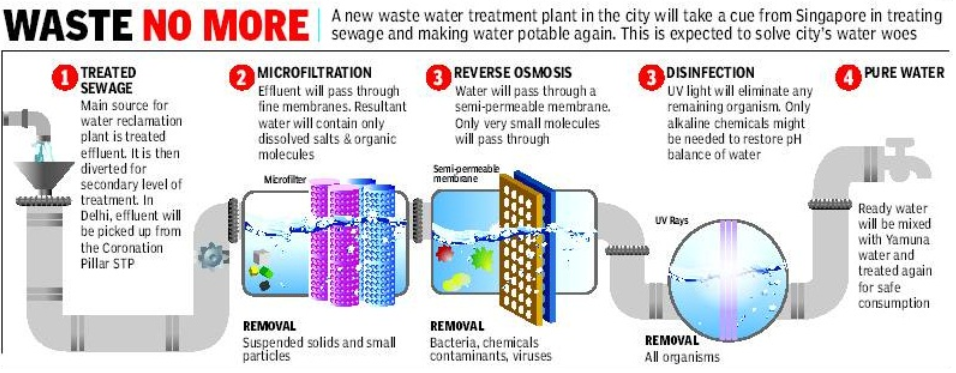
Source: <http://www-rohan.sdsu.edu/~misselwi/story1.html>

8.



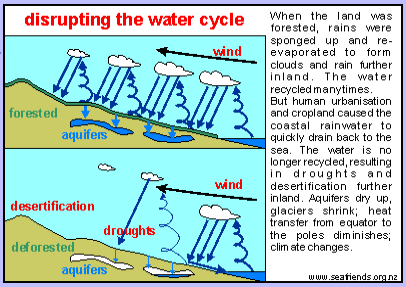
Source: <http://dontbeadriptj004.wordpress.com/2012/08/20/singapores-4-national-taps/>

9.



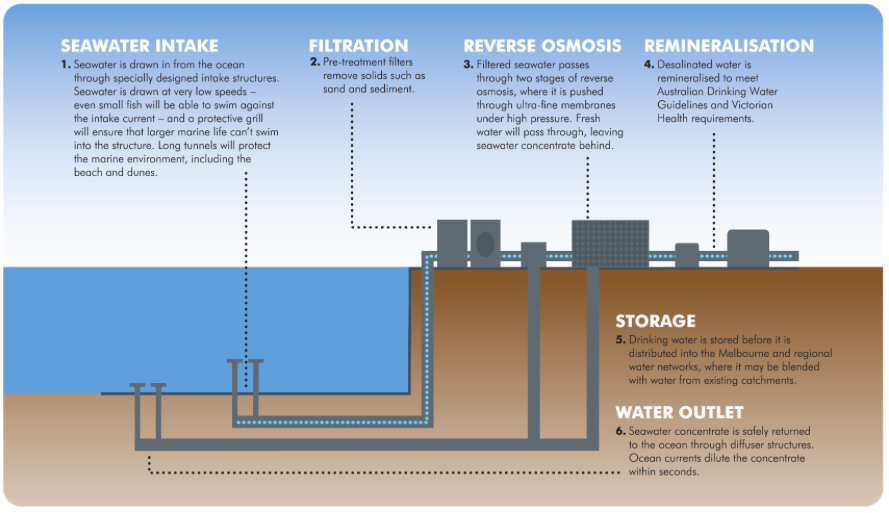
Source: <http://3.bp.blogspot.com/-lbsAZY5SKmg/T_fpta_IVfI/AAAAAAAAQ0w/ZPBj7pEEncI/s1600/delwater.jpg>

10.



Source: <http://www.seafriends.org.nz/oceano/current2.htm>

11. Desalination



11.

